

OIPE

## RAW SEQUENCE LISTING

DATE: 09/10/2001

PATENT APPLICATION: US/09/788,552

TIME: 09:17:38

Input Set : A:\032751-053.ST25.txt

Output Set: N:\CRF3\09102001\I788552.raw

5 <110> APPLICANT: Braun, Serge  
 7 <120> TITLE OF INVENTION: Treatment of Immune Diseases  
 9 <130> FILE REFERENCE: 032751-053  
 11 <140> CURRENT APPLICATION NUMBER: US 09/788,552  
 C--> 12 <141> CURRENT FILING DATE: 2001-08-23  
 14 <150> PRIOR APPLICATION NUMBER: EP 00 44 0053.7  
 15 <151> PRIOR FILING DATE: 2000-02-23  
 17 <150> PRIOR APPLICATION NUMBER: US 60/246,089  
 18 <151> PRIOR FILING DATE: 2000 11-07  
 20 <160> NUMBER OF SEQ ID NOS: 3  
 21 <170> SOFTWARE: PatentIn version 3.1  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 187  
 26 <212> TYPE: PRT  
 27 <213> ORGANISM: Homo sapiens  
 29 <400> SEQUENCE: 1  
 31 Met Thr Asn Lys Cys Leu Leu Gln Ile Ala Leu Leu Leu Cys Phe Ser  
 32 1 5 10 15  
 35 Thr Thr Ala Leu Ser Met Ser Tyr Asn Leu Leu Gly Phe Leu Gln Arg  
 36 20 25 30  
 39 Ser Ser Asn Phe Gln Cys Gln Lys Leu Leu Trp Gln Leu Asn Gly Arg  
 40 35 40 45  
 43 Leu Glu Tyr Cys Leu Lys Asp Arg Met Asn Phe Asp Ile Pro Glu Glu  
 44 50 55 60  
 47 Ile Lys Gln Leu Gln Gln Phe Gln Lys Glu Asp Ala Ala Leu Thr Ile  
 48 65 70 75 80  
 51 Tyr Glu Met Leu Gln Asn Ile Phe Ala Ile Phe Arg Gln Asp Ser Ser  
 52 85 90 95  
 55 Ser Thr Gly Trp Asn Glu Thr Ile Val Glu Asn Leu Leu Ala Asn Val  
 56 100 105 110  
 59 Tyr His Gln Ile Asn His Leu Lys Thr Val Leu Glu Glu Lys Leu Glu  
 60 115 120 125  
 63 Lys Glu Asp Phe Thr Arg Gly Lys Leu Met Ser Ser Leu His Leu Lys  
 64 130 135 140  
 67 Arg Tyr Tyr Gly Arg Ile Leu His Tyr Leu Lys Ala Lys Glu Tyr Ser  
 68 145 150 155 160  
 71 His Cys Ala Trp Thr Ile Val Arg Val Glu Ile Leu Arg Asn Phe Tyr  
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 75 Phe Ile Asn Arg Leu Thr Gly Tyr Leu Arg Asn  
 76 180 185  
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 81 <211> LENGTH: 166  
 82 <212> TYPE: PRT  
 83 <213> ORGANISM: Homo sapiens  
 85 <400> SEQUENCE: 2  
 87 Met Ser Tyr Asn Leu Leu Gly Phe Leu Gln Arg Ser Ser Asn Phe Gln  
 88 1 5 10 15

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91 Cys Gln Lys Leu Leu Trp Gln Leu Asn Gly Arg Leu Glu Tyr Cys Leu
92          20          25          30
95 Lys Asp Arg Met Asn Phe Asp Ile Pro Glu Glu Ile Lys Gln Leu Gln
96          35          40          45
99 Gln Phe Gln Lys Glu Asp Ala Ala Leu Thr Ile Tyr Glu Met Leu Gln
100         50          55          60
103 Asn Ile Phe Ala Ile Phe Arg Gln Asp Ser Ser Thr Gly Trp Asn
104 65          70          75          80
107 Gly Thr Ile Val Glu Asn Leu Leu Ala Asn Val Tyr His Gln Ile Asn
108          85          90          95
111 His Leu Lys Thr Val Leu Glu Glu Lys Leu Glu Lys Glu Asp Phe Thr
112          100          105          110
115 Arg Gly Lys Leu Met Ser Ser Leu His Leu Lys Arg Tyr Tyr Gly Arg
116          115          120          125
119 Ile Leu His Tyr Leu Lys Ala Lys Glu Tyr Ser His Cys Ala Trp Thr
120          130          135          140
123 Ile Val Arg Val Glu Ile Leu Arg Asn Phe Tyr Phe Ile Asn Arg Leu
124 145          150          155          160
127 Thr Gly Tyr Leu Arg Asn
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132 &gt; SEQ ID NO: 3

133 &gt; LENGTH: 564

134 &gt; TYPE: DNA

135 &gt; ORGANISM: Homo sapiens

137 &gt; SEQUENCE: 3

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140 tccatgagct acaacttgct tggattccta caaagaagca gcaattttca gtgtcagaag      120
142 ctctgtggc aattgaatgg gaggttgaa tattgcctca aggacaggat gaactttgac      180
144 atccctgagg agattaagca gctgcagcag ttccagaagg aggacgccgc attgaccatc      240
146 tatgagatgc tccagaacat ctttgcatt ttccagacaag attcatctag cactggctgg      300
148 aatgagacta ttgttgagaa cctcctggct aatgtctatc atcagataaa ccatctgaag      360
150 acagtccctg aagaaaaact ggagaaagaa gatttcacca ggggaaaact catgagcagt      420
152 ctgcacctga aaagatatta tgggaggatt ctgcattacc tgaaggccaa ggagtacagt      480
154 cactgtgctt ggaccatagt cagagtggaa atcctaagga acctttactt cattaacaga      540
156 cttacacgtt acctccgaaa ctga                                     564

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/788,552

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TIME: 09:17:39

Input Set : A:\032751-053.ST25.txt

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L:12 M:271 C: Current Filing Date differs. Replaced Current Filing Date